



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Z. Hu et al.

Attorney Docket No.: SEMT119899

Application No.: 10/667,795

Filed: September 22, 2003

Title: THIOUREA- AND CYANIDE-FREE BATH AND PROCESS FOR ELECTROLYTIC ETCHING OF GOLD

INFORMATION DISCLOSURE STATEMENT

March 17, 2004

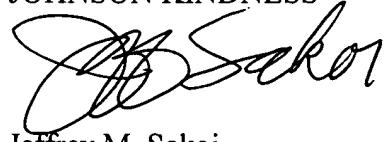
TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. Copies of the listed publications are enclosed for the Examiner's use.
2. Pursuant to 37 C.F.R. § 1.97(b), this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits.

Respectfully submitted,

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

Date: March 17, 2004 Shannon Hill

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
_____	U1	3,935,005	A	01/27/1976	Solidum et al.
_____	U2	4,142,953	A	03/06/1979	Lovelace
_____	U3	4,144,090	A	03/13/1979	Franz
_____	U4	4,192,729	A	03/11/1980	Cancelleri et al.
_____	U5	4,208,378	A	06/17/1980	Heinen et al.
_____	U6	4,243,532	A	01/06/1981	Tsuda et al.
_____	U7	4,285,784	A	08/25/1981	Flinn et al.
_____	U8	4,303,482	A	12/01/1981	Bühne et al.
_____	U9	4,324,626	A	04/13/1982	McGivern, Jr.
_____	U10	4,358,352	A	11/09/1982	Rhoda
_____	U11	4,385,971	A	05/31/1983	Swartz
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_____	U13	4,430,178	A	02/07/1984	Anderson et al.
_____	U14	4,483,789	A	11/20/1984	Kunze et al.
_____	U15	4,750,977	A	06/14/1988	Marrese
_____	U16	5,096,550	A	05/17/1992	Mayer et al.
_____	U17	5,127,207	A	07/07/1992	Cunningham
_____	U18	5,221,421	A	06/22/1993	Leibovitz et al.
_____	U19	5,232,328	A	08/03/1993	Owczarz et al.

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*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
	U20	5,304,359	A	04/19/1994	Duyvesteyn et al.
	U21	5,310,475	A	05/10/1994	Kitada et al.
	U22	5,338,416	A	08/16/1994	Mlcak et al.
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	U24	5,380,400	A	01/10/1995	Abys et al.
	U25	5,421,991	A	06/06/1995	Yarita
	U26	5,464,509	A	11/07/1995	Mlcak et al.
	U27	5,484,518	A	01/16/1996	Goldberg
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	U30	5,556,812	A	09/17/1996	Leuschner et al.
	U31	5,620,581	A	04/15/1997	Ang
	U32	5,620,583	A	04/15/1997	Kuhn et al.
	U33	5,630,932	A	05/20/1997	Lindsay et al.
	U34	5,641,391	A	06/24/1997	Hunter et al.
	U35	5,731,678	A	03/24/1998	Zila et al.
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	U37	5,863,412	A	01/26/1999	Ichinose et al.
	U38	5,985,126	A	11/16/1999	Blek et al.
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	U46	6,203,582	B1	03/20/2001	Berner et al.
	U47	6,359,328	B1	03/19/2002	Dubin

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*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
	U48	6,491,806	B1	12/10/2002	Dubin et al.
	U49	2001/0015321	A1	08/23/2001	Reid et al.
	U50	2002/0036145	A1	03/28/2002	Dubin et al.
	U51	2002/0074234	A1	06/20/2002	Dubin et al.
	U52	2002/0074238	A1	06/20/2002	Mayer et al.
	U53	2002/0084191	A1	07/04/2002	Haba et al.

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*Examiner Initial	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Provided	Abstract Provided	Translation Provided
	F1	WO 98/02909	A1	01/22/1998	WO			

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	Reference Description
	O1	Moffat, T.P., et al., "Superconformal Electrodeposition of Copper in 500-90 nm Features," <i>Journal of The Electrochemical Society</i> 147(12):4524-4535, 2000.
	O2	Moffat, T.P., et al., "Superconformal Electrodeposition of Copper," <i>Electrochemical and Solid-State Letters</i> 4(4):C26-C29, 2001.
	O3	Wheeler, D., et al., "Modeling Superconformal Electrodeposition Using the Level Set Method," <i>Journal of The Electrochemical Society</i> 150(5):C302-C310, 2003.

Examiner	Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

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